Keychron M6S

Keychron M6 Silent Wireless Gaming Mouse User Manual

Model: M6S (1K Polling Rate)

1. PRODUCT OVERVIEW

The Keychron M6 Silent Wireless Gaming Mouse is designed for optimal comfort and performance across various tasks, from gaming to productivity. It features a lightweight, ergonomic design, versatile connectivity options, and a high-precision optical sensor. This manual provides detailed instructions for setup, operation, and maintenance.

Image: Keychron M6 Silent Wireless Gaming Mouse, showcasing its ergonomic shape and main buttons.

2. KEY FEATURES

- **Ultra-Ergonomic & Lightweight Design:** The M6 mouse combines a compact, ergonomic shape with a lightweight 86g body for extended comfort. It includes over ten customizable buttons and an infinite metal scroll wheel.

- **Stable Wireless with Ultra-Low Latency:** Experience reliable 2.4GHz wireless performance with a 1000Hz polling rate. The M6 also supports Bluetooth 5.3 for multi-device use and flexible switching.

- **High-Precision PixArt 3395 Sensor:** Equipped with the advanced PixArt 3395 optical sensor, the M6 provides up to 26,000 DPI, 650 IPS tracking speed, and pinpoint accuracy.

- **Infinite Scroll & Premium Metal Wheel:** Features dual scrolling modes: smooth, infinite scroll for fast navigation and tactile mode for precision. The solid metal wheel offers a quiet, premium feel.

- **Fully Programmable via Keychron Engine Software:** Customize every button with Keychron Engine software on macOS and Windows. Create shortcuts, set macros, adjust DPI, polling rate, and LOD.

Image: Icons illustrating key features: Infinite Scroll Wheel, 1000 Hz Polling Rate, DPI Up To 26000, and Lightweight Design.

3. SETUP

3.1 Package Contents

Verify that all items are present in the package:

- 1x Keychron M6 Mouse
- 1x Type-C to Type-C Cable
- 1x Type-A to Type-C Adapter
- 1x Extension Adapter For Receiver
- 1x Type-C 2.4 GHz Receiver
- 1x Type-A 2.4 GHz Receiver

Image: Diagram showing the contents of the Keychron M6 mouse package.

3.2 Initial Charging

Before first use, it is recommended to fully charge the mouse. Connect the mouse to your computer using the provided Type-C cable. The LED indicator will show charging status.

3.3 Connecting the Mouse

The Keychron M6 supports three connection modes: 2.4GHz wireless, Bluetooth 5.3, and wired.

- **2.4GHz Wireless:** Insert the 2.4GHz receiver (Type-A or Type-C) into your computer's USB port. Switch the mode switch on the bottom of the mouse to 'G' (Gaming) mode. The mouse should connect automatically.

- **Bluetooth 5.3:** Switch the mode switch on the bottom of the mouse to 'B' (Bluetooth) mode. On your computer, search for Bluetooth devices and select 'Keychron M6' to pair.

- **Wired:** Connect the mouse directly to your computer using the provided Type-C cable. The mouse will function in wired mode and charge simultaneously.
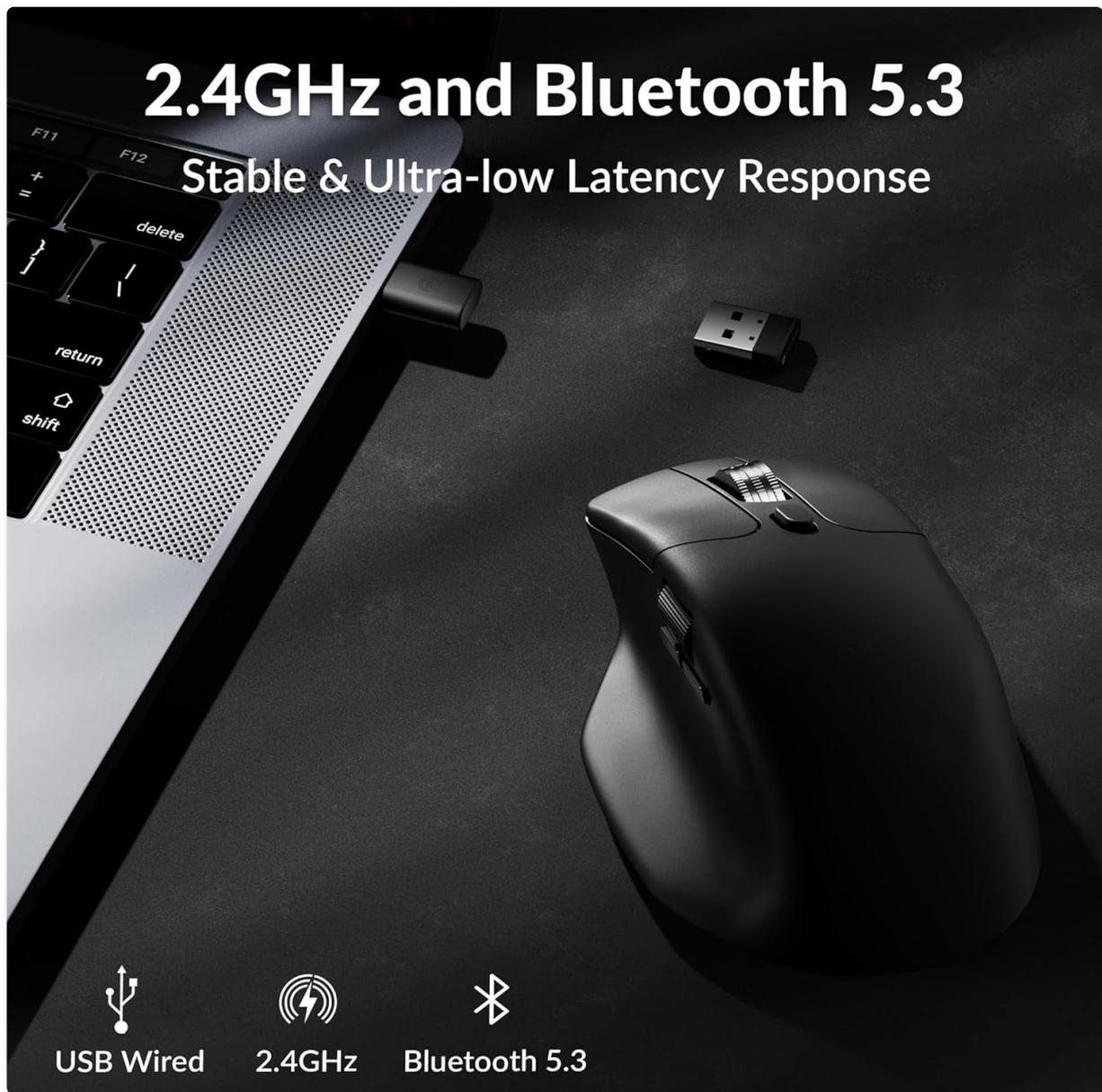
Image: Keychron M6 mouse connected to a laptop via 2.4GHz receiver, with Bluetooth 5.3 icon.

4. Operating Instructions

4.1 Basic Functions

- **Left/Right Click:** Standard mouse button functions.
- **Scroll Wheel:** Used for vertical scrolling.
- **Side Buttons:** Default to Forward/Backward navigation. Customizable via software.
- **Thumb Wheel:** Located on the side, used for horizontal scrolling.

4.2 DPI Adjustment

The DPI (Dots Per Inch) button on the bottom of the mouse allows you to cycle through preset sensitivity levels. Each level is indicated by a specific LED color. You can customize these DPI levels using the Keychron Engine software.

4.3 Polling Rate Adjustment

The polling rate button on the bottom of the mouse allows you to switch between different polling rates (125Hz, 500Hz, 1000Hz). A higher polling rate provides more responsive tracking, ideal for gaming. The LED indicator will change color to reflect the current polling rate.

Image: Close-up of the polling rate switch and indicator light on the mouse's underside.

4.4 Infinite Scroll Mode

The M6 features a button near the main scroll wheel to toggle between infinite scroll mode and tactile (notched) scroll mode. Infinite scroll allows for rapid navigation through long documents or web pages.
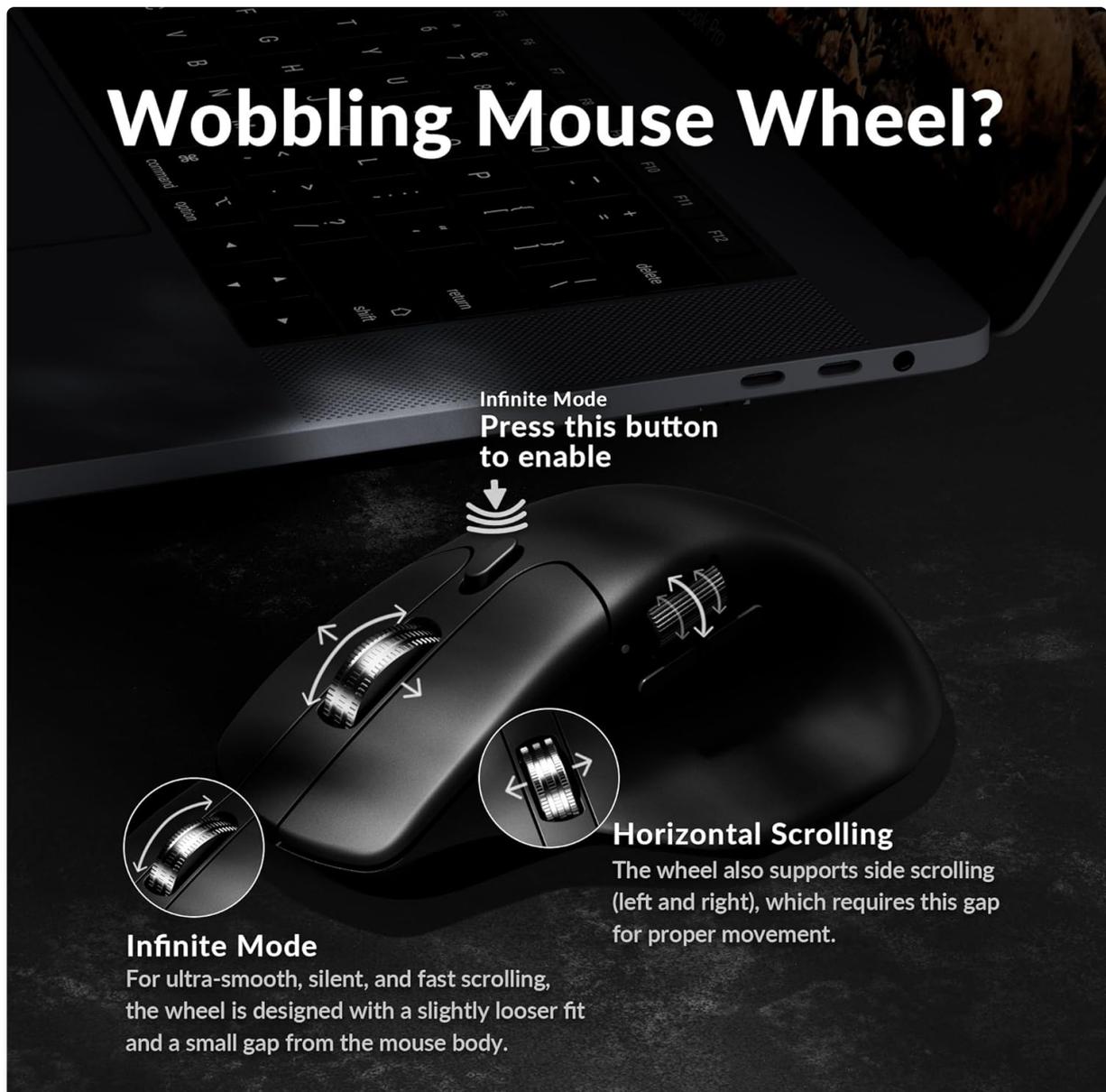

Wobbling Mouse Wheel?

Infinite Mode
Press this button to enable

Infinite Mode
For ultra-smooth, silent, and fast scrolling, the wheel is designed with a slightly looser fit and a small gap from the mouse body.

Horizontal Scrolling
The wheel also supports side scrolling (left and right), which requires this gap for proper movement.

Image: Diagram showing the infinite scroll button and the horizontal scrolling function of the thumb wheel.

5. Customization with Keychron Engine Software

The Keychron Engine software allows for comprehensive customization of your M6 mouse. It is compatible with macOS and Windows and can be accessed online, eliminating the need for a download.

- **Button Assignment:** Remap any of the mouse buttons to perform different functions, including keyboard shortcuts, multimedia keys, or macros.
- **Macro Creation:** Record and assign complex sequences of commands to a single button.
- **DPI/Polling Rate/LOD Adjustment:** Fine-tune sensor settings to match your preferences.

Visit the official Keychron website to access the Keychron Engine software.

Image: Screenshot of the Keychron Engine software interface, showing button customization options for the M6 mouse.

6. Connectivity Modes

The M6 mouse offers flexible connectivity to suit various setups:

- **2.4GHz Wireless:** Provides a stable, low-latency connection with a 1000Hz polling rate, ideal for gaming and demanding tasks. Uses a dedicated USB receiver.
- **Bluetooth 5.3:** Offers seamless connection to multiple devices, allowing for quick switching between

systems. Suitable for general use and productivity.

- **Wired (USB-C):** Connects directly via the USB-C cable, providing a reliable connection and simultaneously charging the mouse.

Image: Illustration of the Type-C and Type-A 2.4 GHz receivers, along with a table detailing polling rates and available modes.

7. SPECIFICATIONS

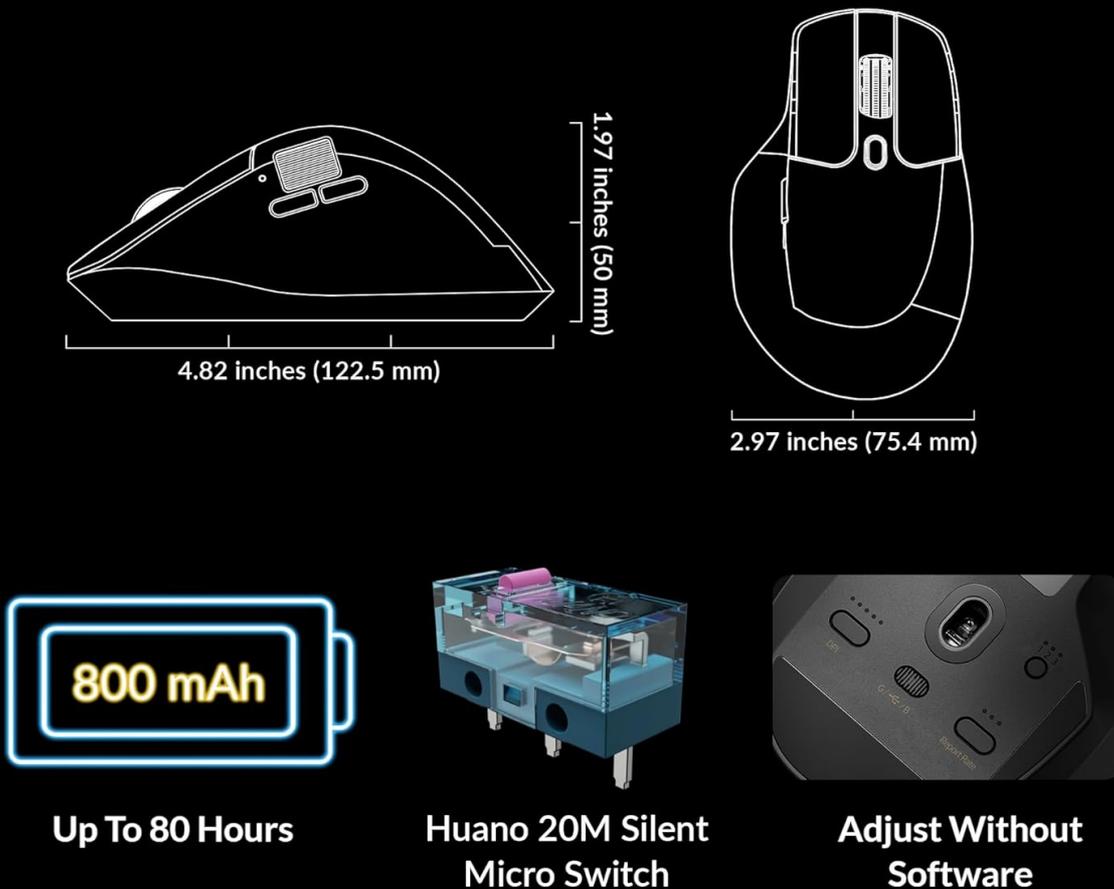|	
Model Number	M6S
Sensor	PixArt 3395 Optical Sensor
DPI	Up to 26,000
IPS Tracking Speed	650
Polling Rate	1000Hz (2.4GHz/Wired), 125Hz (Bluetooth)
Connectivity	2.4GHz Wireless, Bluetooth 5.3, USB-C Wired
Weight	86g (3.03 ounces)
Battery	800 mAh (Up to 80 hours)
Switches	Huano 20M Silent Micro Switch
Compatibility	Windows, macOS, Linux
Dimensions	4.82 x 2.97 x 1.97 inches (122.5 x 75.4 x 50 mm)

Image: Diagram showing the dimensions of the Keychron M6 mouse, its 800 mAh battery, and Huano 20M Silent Micro Switches.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Keychron M6 mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the mouse surface. For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- **Sensor Care:** Keep the optical sensor on the bottom of the mouse clean and free from dust or debris to ensure accurate tracking.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the mouse to about 50% and store it in a cool, dry place.
- **Storage:** When not in use, store the mouse in a safe place to prevent physical damage.

9. TROUBLESHOOTING

If you encounter issues with your Keychron M6 mouse, refer to the following common solutions:

- **Mouse Not Responding:**

- Ensure the mouse is charged.
- Check the connection mode switch (2.4GHz, Bluetooth, Wired) is set correctly.
- For 2.4GHz, ensure the receiver is properly inserted and try a different USB port.
- For Bluetooth, re-pair the device in your computer's Bluetooth settings.
- Try connecting via USB-C cable to rule out wireless issues.

- **Inconsistent Tracking:**
  - Clean the optical sensor on the bottom of the mouse.
  - Ensure you are using the mouse on a suitable surface (e.g., a mouse pad).
  - Adjust the DPI settings to a comfortable level.

- **Buttons Not Working:**
  - Check Keychron Engine software for custom button assignments that might be interfering.
  - Ensure the mouse firmware is up to date.

- **Scroll Wheel Issues:**
  - Toggle the infinite scroll button to ensure it's in the desired mode.
  - Clean any debris around the scroll wheel.

10. Official Product Video

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Video: An official overview of the Keychron M6 Silent Wireless Optical Gaming Mouse, highlighting its features and design.

11. Warranty and Support

Keychron products come with a limited warranty. For detailed warranty information, technical support, and frequently asked questions, please visit the official Keychron website or contact their customer service. Keep your proof of purchase for warranty claims.